



7 January 1993

Document Control Center  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Dear Sir/Madam:

Enclosed you will find a copy of the Annual Operating Report for the University of Utah AGN-201M Reactor, License R-25, Docket 50-72, for the period 1 January 1992 through 31 December 1992. This report fulfills AGN Technical Specification 6.9.1.

If you have any questions concerning the report please contact the staff at the facility.

Sincerely,

Dietrich K. Gehmlich  
Reactor Administrator

190051

Department of Mechanical Engineering

MEB 3209  
Salt Lake City, Utah 84112  
(801) 581-5141  
FAX 1-801-581-8692

9301190289 921231  
PDR ADOCK 05000072  
R PDR

IF47  
11

The University of Utah  
AGN-201M Reactor No. 107  
License R-25, Docket No. 50-72  
Annual Operating Report for 1992

A. Facility Modifications:

The U.S. Nuclear Regulatory Commission issued on 1 August 1991 an Order authorizing the University of Utah Nuclear Engineering Laboratory (UUNEL) to commence decommissioning the AGN-201M Research Reactor in accordance with the Decommissioning Plan submitted to NRC on 17 July 1990. Dismantling and surveillance of component parts is expected to be complete by July 1993. In preparation of final decommissioning activities, the nuclear fuel has been removed from the reactor core and was shipped to the DOE Y-12 Plant at the Oak Ridge National Laboratory on 5 February 1991. The AGN control console has been removed from UUNEL and placed in storage pending transfer to the University of North Texas.

B. Results of Tests and Inspections:

Surveillance of the reactor has continued despite preliminary decommissioning activities. Inspections included monthly visual inspections and monitoring of radiation levels in the vicinity of the reactor. These inspections showed no unusual radiation levels or evidence of contamination. Because the AGN reactor has not been operated since February, 1985, and since we are preparing to decommission the reactor, none of the operational surveillance activities enumerated in Section 4 of the AGN Technical Specifications are required to be performed as provided in Section 4.0. However, routine monitoring for contamination and radiation levels around the AGN is being performed.

C. Corrective Maintenance:

None.

D. Energy Produced:

Since February 1985 - zero.

E. Unscheduled Shutdowns:

None.

F. Reactor Safety Committee Action:

1. The Reactor Safety Committee (RSC) is currently comprised of the following members:

Dietrich K. Gehmlich - Reactor Administrator  
Gary M. Sandquist - UUNEL Director and AGN Reactor Supervisor  
Keith J. Schiager - Radiation Safety Officer  
David M. Slaughter - TRIGA Reactor Supervisor  
James M. Byrne  
John S. Bennion  
Patrick S. Sheehan

2. Personnel radiation exposures and radiation surveys have been reviewed and approved by the RSC. Except for exposures received by personnel as a result of TRIGA reactor (License No. R-126) maintenance activities, all exposures and surveys have been within nominal background levels.

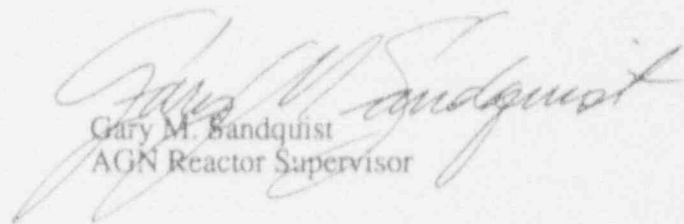
G. Summary of Changes Reportable under 10 CFR 50.59:

As provided by AGN Technical Specification 4.0, certain surveillance activities have been discontinued since the reactor is not operable. The AGN control console has been removed from UUNEL and placed in storage pending transfer of AGN components to the University of North Texas. None of these activities represent unreviewed safety questions.

H. Reportable Occurrences:

None.

Report submitted by:

  
Gary M. Sandquist  
AGN Reactor Supervisor